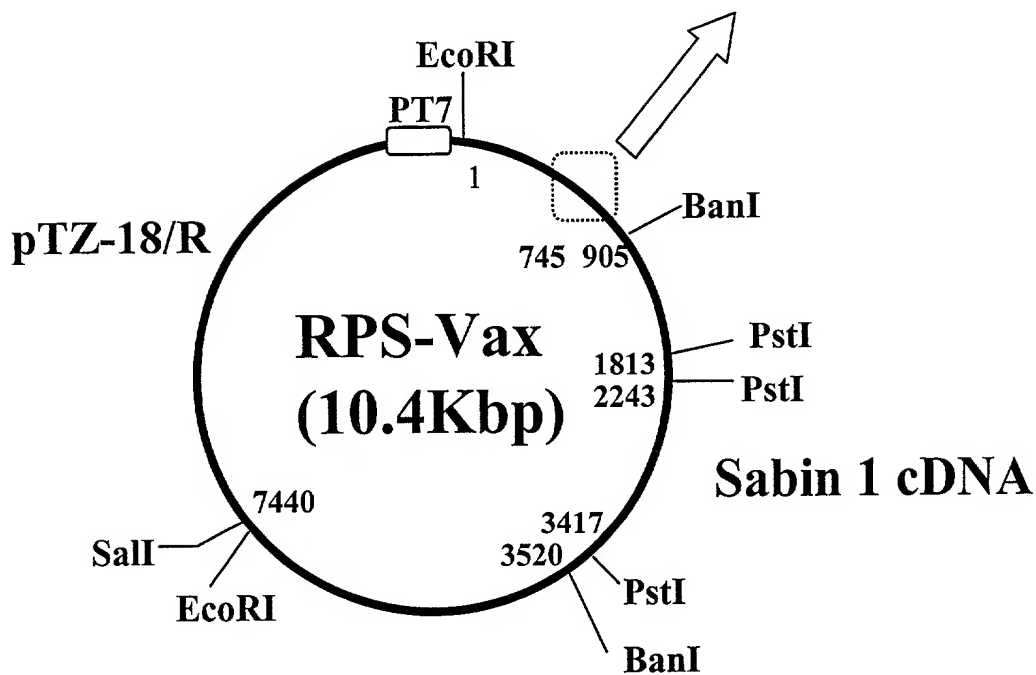
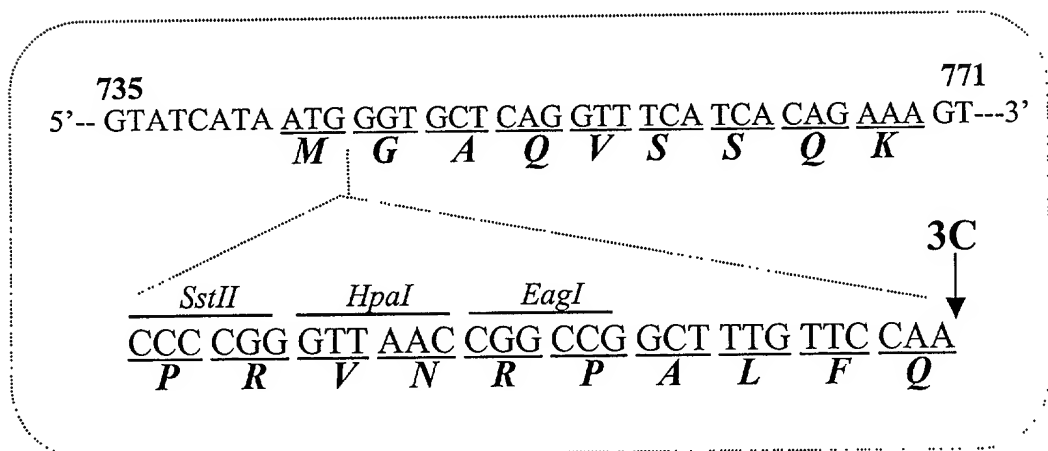


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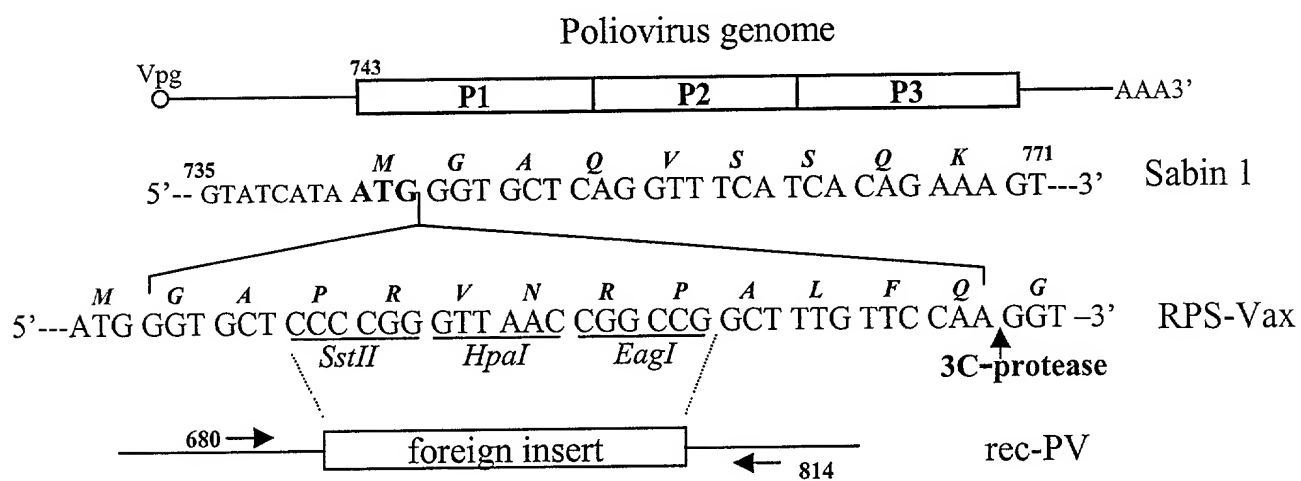
Fig. 1



**Poliovirus Sabin 1
 vector (RPS-Vax) system**

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Fig. 2



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Fig. 3a

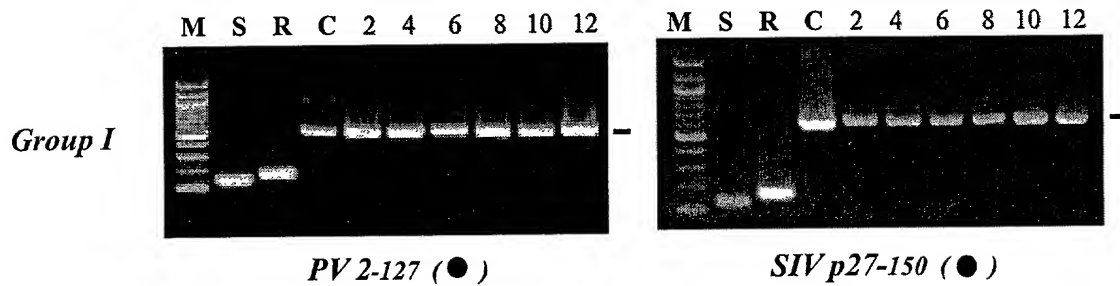


Fig. 3b

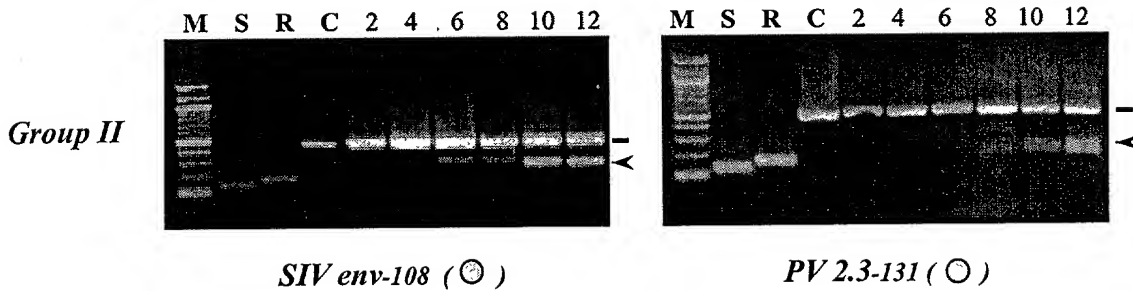


Fig. 3c

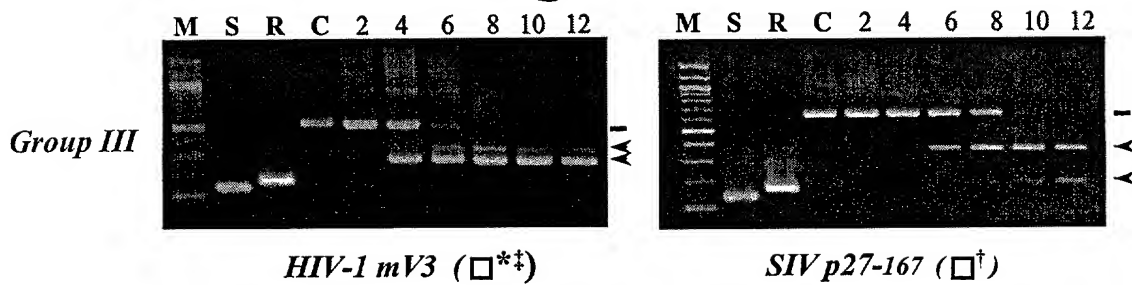
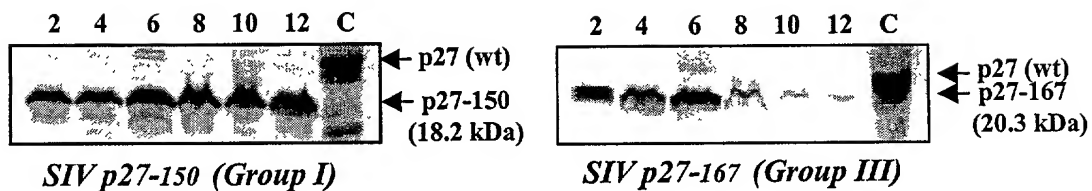
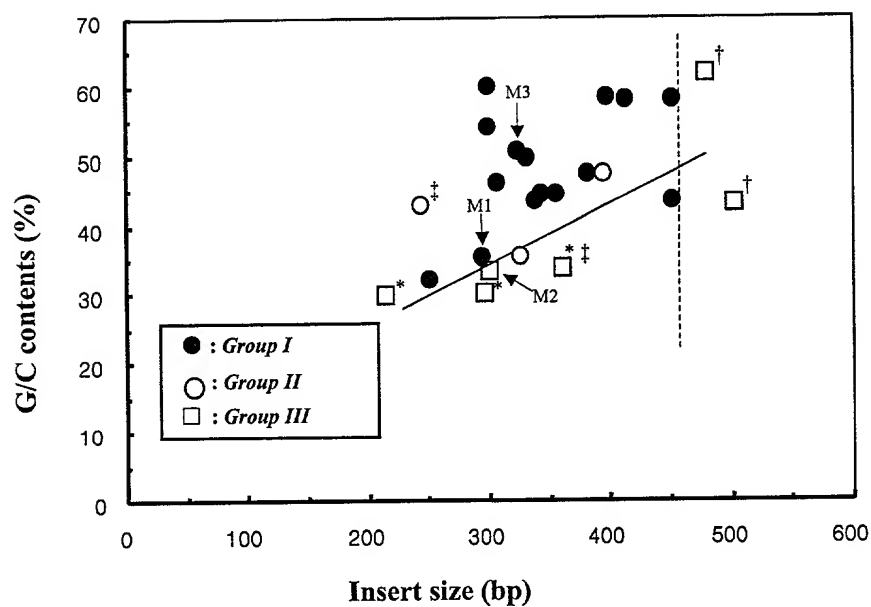


Fig. 3d



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Fig. 4



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Fig. 5a

SIV env-108 (G/C content, 35.4 %)

ACTTCTACTT GGT TTGGCTT TAATGGA ACT AGAGCAGAAA ATAGAACTTA TATTTACTGG
 AGC C C C G G C C C

CATGGTAGGG ATAATAGGAC TATAATTAGT TTAAATAAGT ATTATAATCT AACAAATGAAA
 C CC G C C CCG C C C C C

TGTAGAAGAC CAGGAAATAA GACAGTTTTA CCAGTCACCA TTATGTCTGG ATTGGTTTTC
 C G GC C C G C

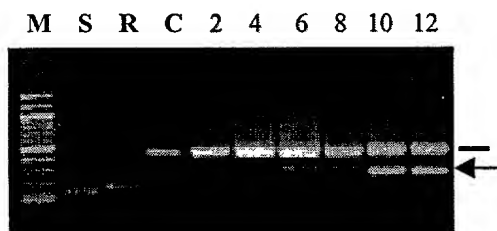
CACTCACAAC CAATCAATGA TAGGCCAAAG CAGGCATGGT GTTGGTTTGG AGGAAAATGG
 G C C C C C C C G

AAGGATGCAA TAAAAGAGGT GAAGCAGACC ATTGTCAAAC ATCCCAGGTA TACTGGA ACT
 C G G C

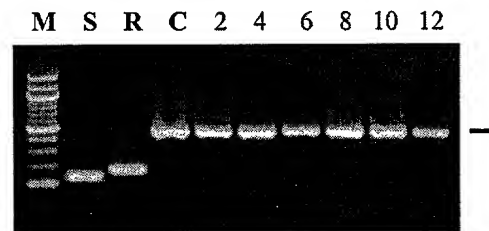
AACAATACTG ATAAAATCAA TTTG

C C G - SIV env-108/M (G/C content, 50.3%)

Fig. 5b



SIV env-108 (35.4%)



SIV env-108/M (50.3%)

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Fig. 5c

SIV gag-100 (G/C content, 45%)

AGCCCGAGAA CATTAAATGC CTGGGTAAAA TTGATAGAGG AAAAGAAATT TGGAGCAGAA

T A A A A A

GTAGTGCCAG GATTTCAGGC ACTGTCAGAA GGTTCACCCC CCTATGACAT TAATCAGATG

T A T A T T A T A

TTAAATTGTG TGGGAGACCA TCAAGCGGCT ATGCAGATTA TCAGAGATAT TATAAACGAG

A T A A A T A

GAGGCTGCAG ATTGGGACTT GCAGCACCCA CAACCAGCTC CACAACAAGG ACAACTTAGG

A T A A T T A A

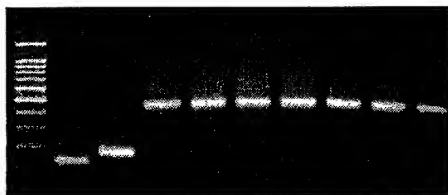
GAGCCGTCAG GATCAGATAT TGCAGGAACA ACTAGTTCAG TAGATGAACA AATCCAGTGG

A T T A

- SIV gag-100/M (G/C content, 34%)

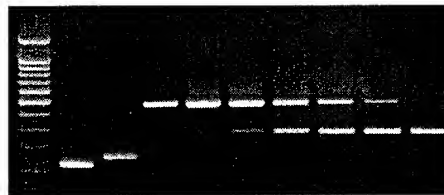
Fig. 5d

M S R C 2 4 6 8 10 12



SIV gag-100 (45%)

M S R C 2 4 6 8 10 12



SIV gag-100/M (34%)

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Fig. 6a

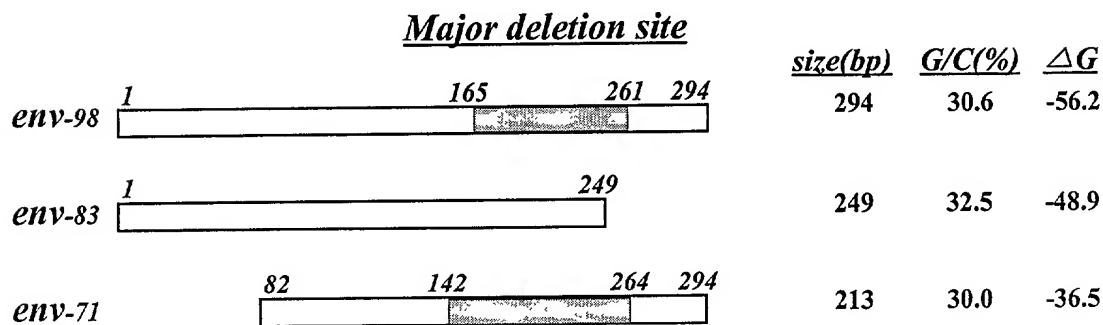
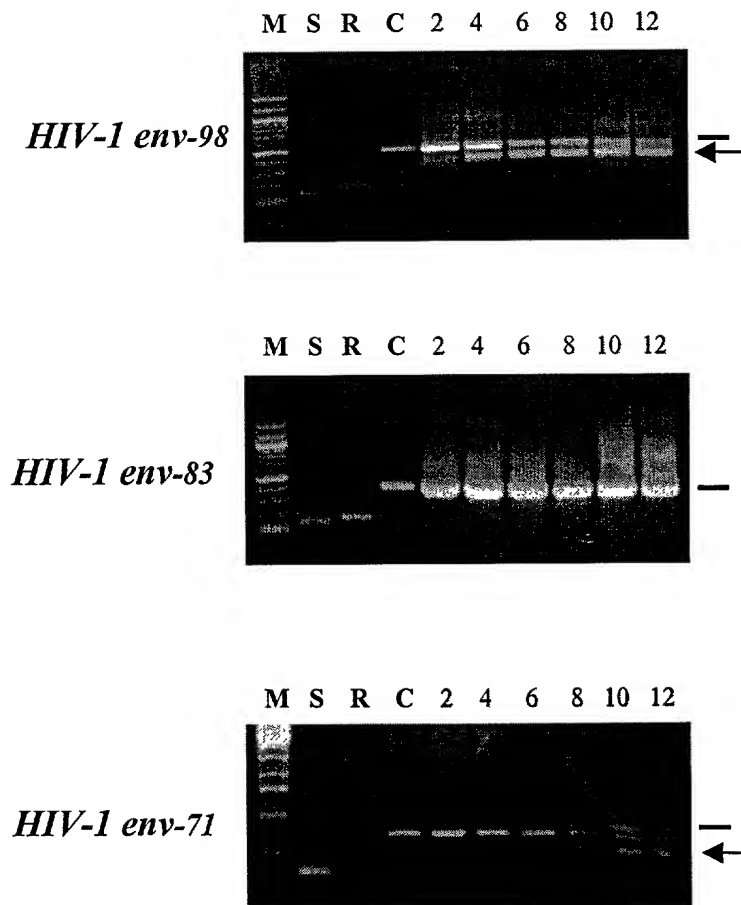


Fig. 6b



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Fig. 7a

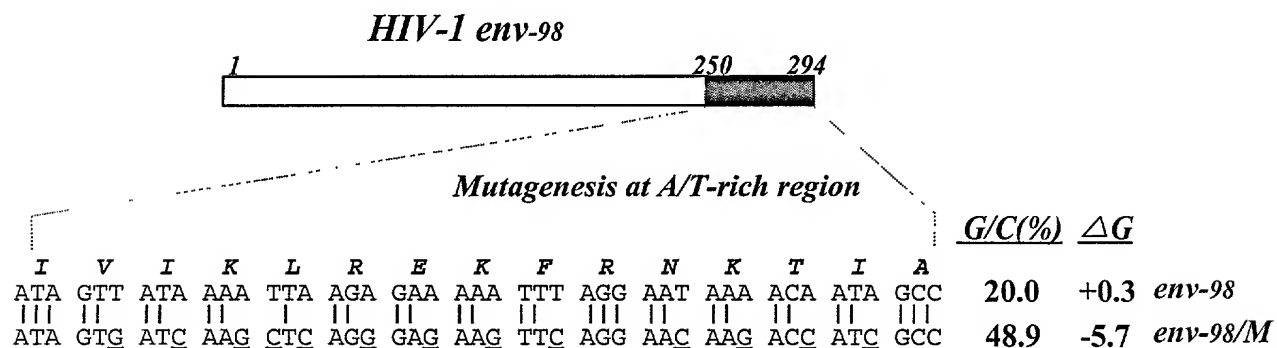


Fig. 7b

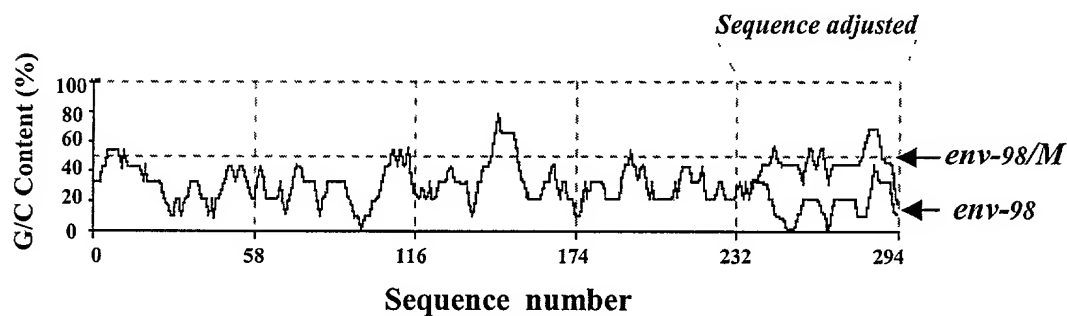
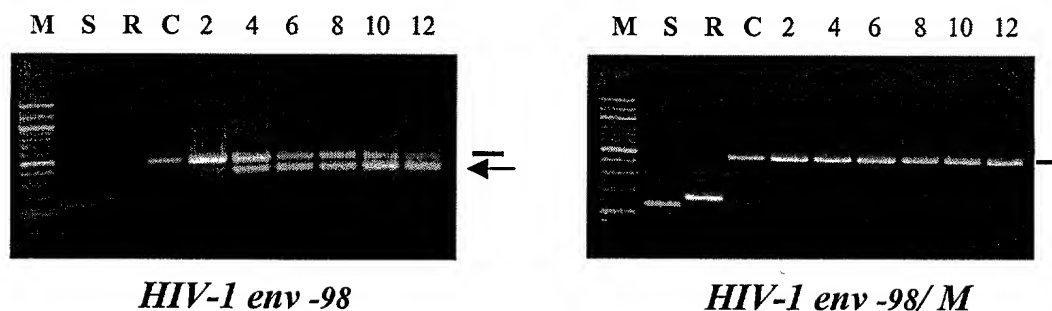
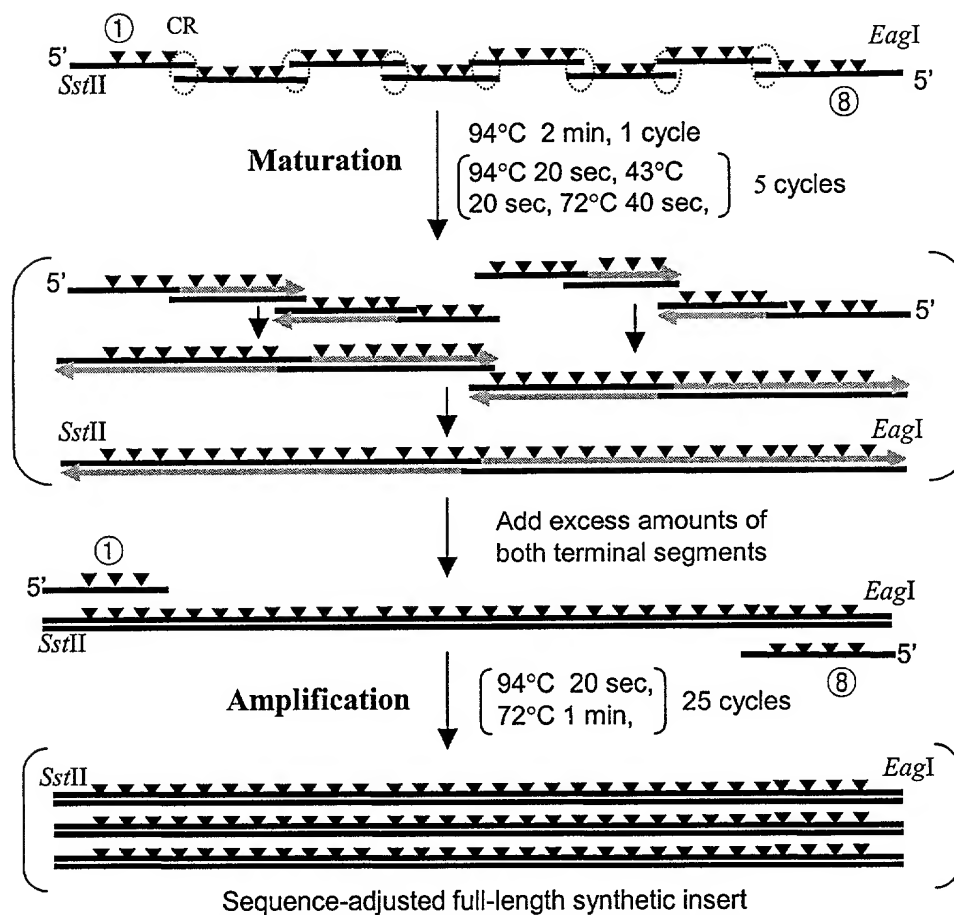


Fig. 7c



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Fig. 8



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Fig. 9

1 A K A V A A W T L K A A A G Q A S T E G D C G C P 25
1 GCT AAG GCC GTT GCA GCC TGG ACC CTG AAA GCC GCT GCA GGC CAA GCC TCC ACC GAA GGC GAC TGC GGT TGC CCA 75
26 A I I E V D N D A P T K R A S K L F S E F E V D N 50
76 GCC ATT ATT GAA GTG GAT AAT GAT GCT CCA ACA AAG CGT GCC AGT AAA TTA TTC AGC GAA TTC GAG GTC GAT AAT 150
C C G C C C T C A C G C C
51 E Q P T T R A Q K L F A M W R I T Y K D N D A P T 75
151 GAA CAA CCA ACC ACC CGG GCA CAG AAA CTC TTC GCC ATG TGG CGT ATC ACT TAC AAG GAT AAT GAT GCT CCA ACA 225
G G C T A C G C G T
76 K R A S K L C V R I Y M K P K H V R C S G C P A I 100
226 AAG CGT GCC AGT AAA TTA TGC GTC CGA ATC TAC ATG AAG CCC AAG CAC GTT CGA TGC TCC GGC TGT CCC GCC ATT 300
C A TC C G T
101 I E V D N D A P T K R A S K L D N Y Q S P C A I N 125
301 ATT GAA GTG GAT AAT GAT GCT CCA ACA AAG CGT GCC AGT AAA TTA GAC AAC TAC CAG TCC CCA TGC GCG ATC AAT 375
C C A C A G A TCA G C G C
126 E Q P T T R A Q K S A G C F Y Q T R V V V P S G C 150
376 GAA CAA CCA ACC ACC CGG GCA CAG AAA TCC GCT GGG TGC TTC TAT CAG ACC CGC GTC GTG GTT CCC TCA GGT TGT 450
G T T G A G

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Fig. 10

primer 1 →
5-ATTATA CCGCGG
(Sst II)
10 20 30 40 50 60
GCTAAGGCCG TTGCAGCCTG GACCCTGAAA GCCGCTGCAG GCCAAGCCTC CACCGAAGGC
3'-GTGGCTTCCG

70 80 90 100 110 120
GACTG-3' 5'-ACCAA GCGAGCCAGC
CTGACGCCAA CGGGTCGGTA GTAGCTCCAG CTATTGCTAC GGGGATGGTT CGCTCGGTTCG-5'
← primer 2

130 140 150 160 170 180
AAGCTCTTCA GCGAATTCGA GGTCGATAAT GAGCAGCCCA CTACCCGAGC CCAGA-3'
3'-GATGGGCTCG GGTCTTCGAG

190 200 210 220 230 240
5'-TGCGC CAACTAAGCG CGCATCTAAA
AAGCGGTACA CCGCATAGTG AATGTTCTTG TTACTACGCG GTTGATTGCG-5'
← primer 4

250 260 270 280 290 300
CTGTGCGTCC GAATCTACAT GAAGCCCAAG CACGTTTCGAT GCTCC-3'
3'-GTGCAAGCTA CGAGGCCGAC AGGGCGATAA

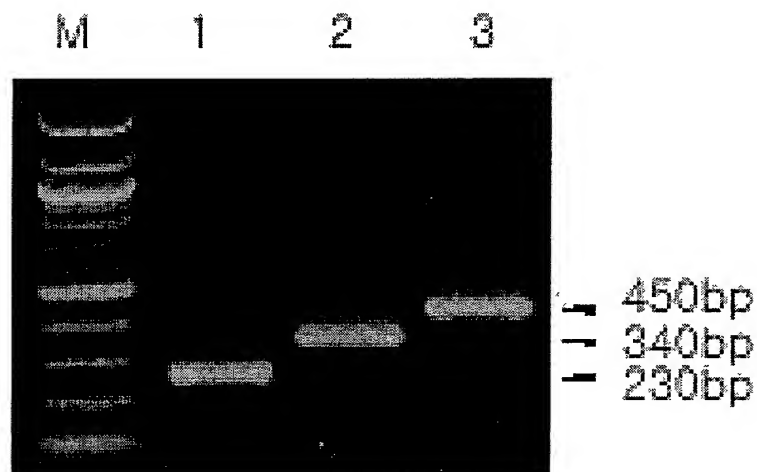
310 320 330 340 350 360
5'-CCAAA CGGGCATCAA AGCTGGACAA CTACCAGTCC
TAGCTTCACC TATTGCTGCG TGGTTGGTTT GCCCGTAGTT-5'
← primer 6

370 380 390 400 410 420
CCATGCGCGA TCAACGAGCA ACCTACCACC CGTGC-3'
3'-TGGATGGTGG GCACGCGTTT TCAGGCGACC CACGAAGATA

430 440 450
GTCTGGGCGC AGCACCAAGG GAGTCCAACA-GCCGGC AATTAT-5'
← (Eag I) primer 8

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Fig. 11



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Fig. 12a

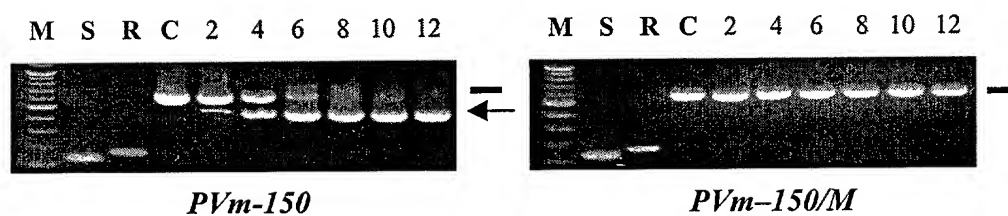
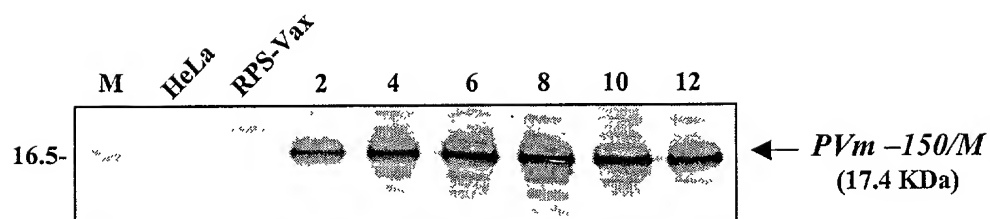


Fig. 12b



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Fig. 13

